

Product data sheet

Specifications



gearbox with straight teeth GBX- Ø 60 mm- reduction 20:1- < 20arcmin- 44 N.m

GBX0600201003F

 **Discontinued on:** Mar 31, 2022

 **Discontinued**

Main

| | |
|---------------------------|--------------------------|
| Range Compatibility | Lexium 32 |
| Product Or Component Type | Planetary gearbox |
| Gear Box Type | Straight teeth |
| Device Short Name | GBX |
| Gearbox External Diameter | 60 mm |
| Product Compatibility | BSH1003... BMH1003... |
| Reduction Ratio | 20:1 |

Complementary

| | |
|----------------------------|--|
| Maximum Torsional Backlash | 20 arc.min |
| Torsional Rigidity | 2.5 N.m/arcmin |
| Housing Colour | Black |
| Housing Material | Black anodized aluminium |
| Shaft Material | C 45 |
| Additional Information | Lubricated for life |
| Service Life In Hours | 30000 h at 100 rpm at 30 °C |
| Efficiency | 94 % |
| Maximum Radial Force Fr | 340 N at 100 rpm, force applied at mid-distance from output shaft during 30000 hour at 30 °C 500 N at 100 rpm, force applied at mid-distance from output shaft during 10000 hour at 30 °C |
| Maximum Axial Force Fa | 450 N at 100 rpm, during 30000 hour at 30°C 600 N at 100 rpm, during 10000 hour at 30°C |
| Continuous Output Torque | 44 N.m at 100 rpm at 30 °C |
| Maximum Output Torque | 70 N.m at 100 rpm at 30 °C |
| Net Weight | 1 kg |

Environment

| | |
|-----------------------------------|-----------------------|
| Noise Level | 58 dB at 1 m, no-load |
| Ip Degree Of Protection | Shaft output: IP54 |
| Ambient Temperature For Operation | -25...90 °C |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Packing Units

| | |
|------------------------------|-----|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|